

Modern surfactants: Mild and also biodegradable

Moderne Tenside: Mild + biologisch abbaubar zugleich

References / Literaturangaben

- (1) Elfriede Dambacher, Naturkosmetik Konzepte. www.naturalbeauty.de
- (2) I.E. Held, M. Husmann, U. Heinrich, H. Tronnier: Dermatological Compatibility of Amino Acid Based Surfactants – A Clinical Trial. SOFW-Journal / 137 / 5-2011
- (3) IKW Marktdaten, www.ikw.org
- (4) Schill&Seilacher: Amino acid based Surfactants PERLASTAN®, Product Brochure, release 2010/10
- (5) Gesetz über die Umweltverträglichkeit von Wasch- und Reinigungsmitteln (Wasch- und Reinigungsmittelgesetz – WRMG) vom 29. April 2007 (BGBl. I S. 600)
- (6) Dr. Martin Husmann, Schill&Seilacher: Surface active agents derived from naturally-occurring amino acids. CESIO 2008 - 7th World Surfactants Congress / N° O-C06
- (7) Miljøministeriet, Substitution af overflade aktive stoffer i kosmetiske produkter, Gitte I. Petersen og Trine Thorup Andersen, DHI - Vand og Miljø, Arbejdsrapport fra Miljøstyrelsen Nr. 10 2004
- (8) Dr. Martin Husmann: PERLAS-TAN® - Surface active agents derived from naturally occurring amino acids. Schill&Seilacher internal data 2010
- (9) Detergent Ingredient Database (DID-list) - 2007 . <http://ec.europa.eu>

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Charts/ Abbildungen

Chart 1:

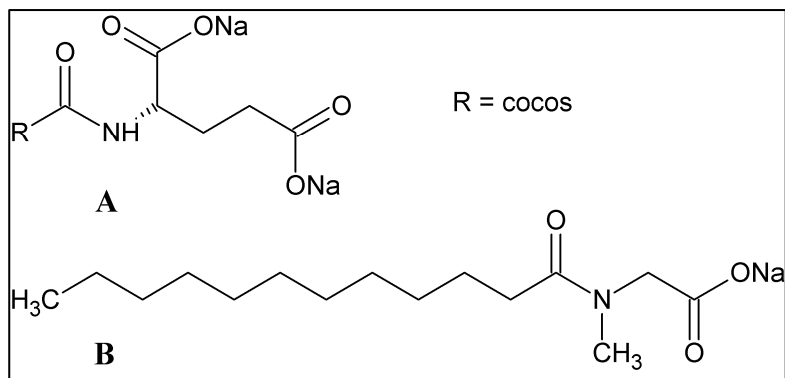


Chart 2:

INCI	%
Aqua	51.25
Xanthan Gum	1.40
Sodium Cocoyl Glutamate	40.00
Caprylyl/Capryl Glucoside	5.00
Preservative	0.60
Perfum	0.40
Lactic Acid	1.75

Chart 5

Chart 3:

INCI	%
Aqua	46.78
Xanthan Gum	1.40
Sodium Cocoyl Glutamate	30.00
Sodium Lauroyl Sarkosinate	15.00
Coco-Glucoside & Glyceryl Oleate	4.00
Perfum	0.50
Menthyl Lactate & Menthol	0.10
Panthenol	0.67
Preservative	0.60
Lactic Acid	0.80
Lipobead Blue AE	0.15

Chart 4

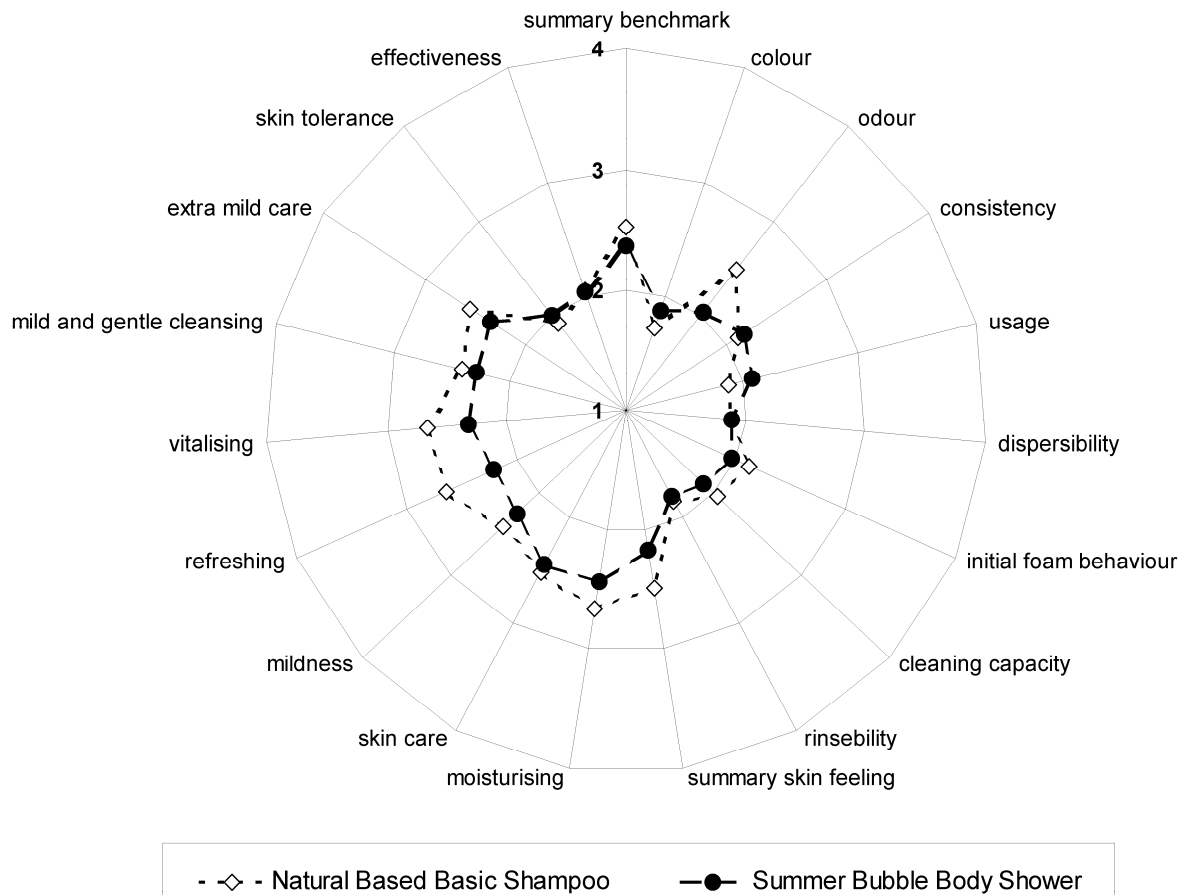


Chart 5

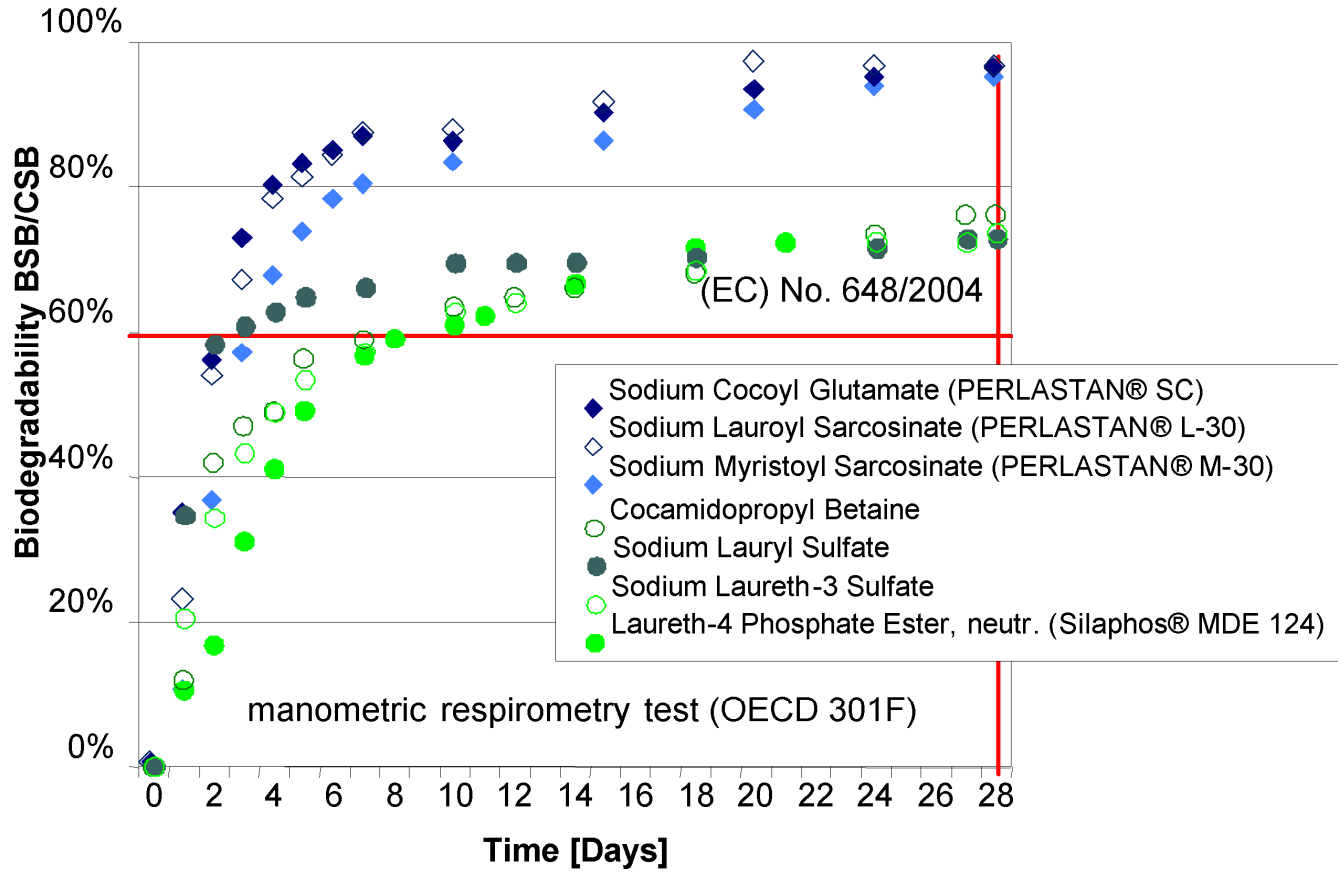


Chart 6

Test method: ISO 11734

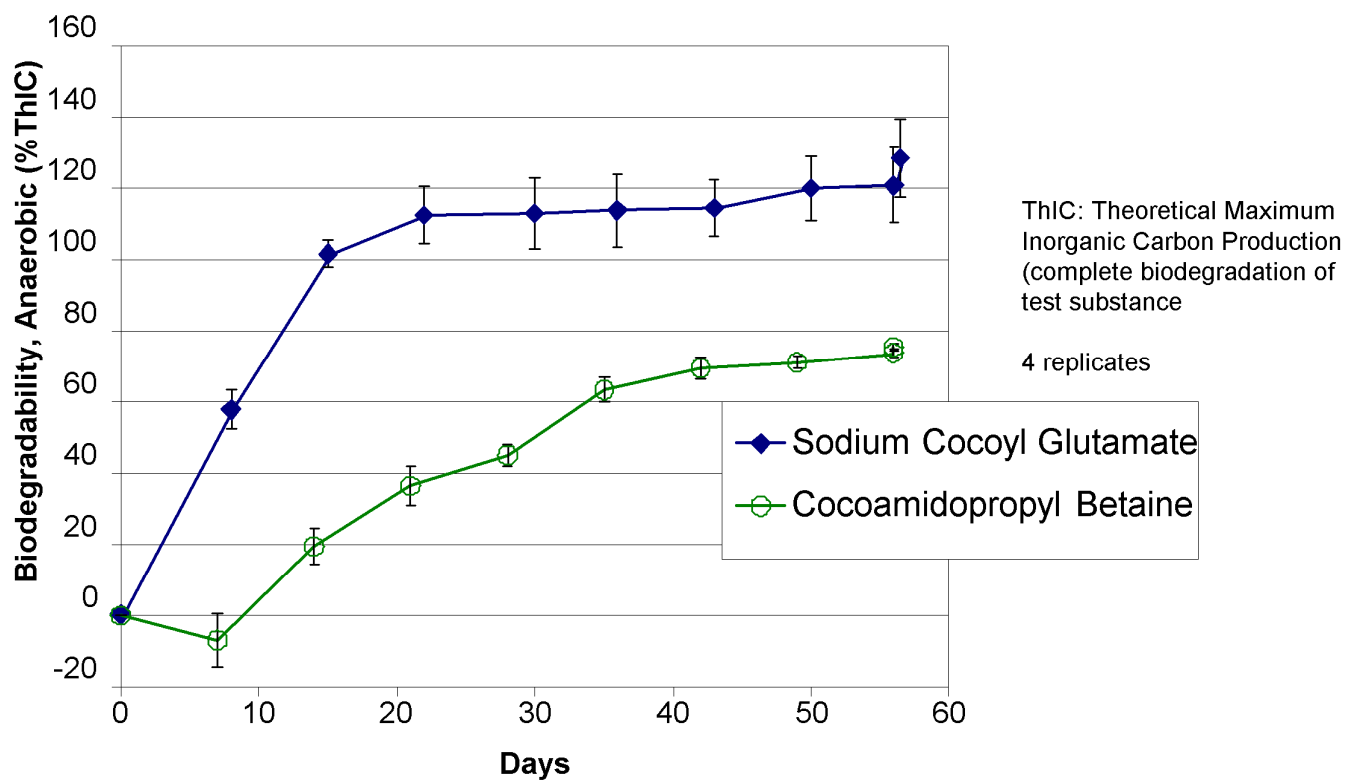


Chart 7

Sodium Lauroyl Sarcosinate

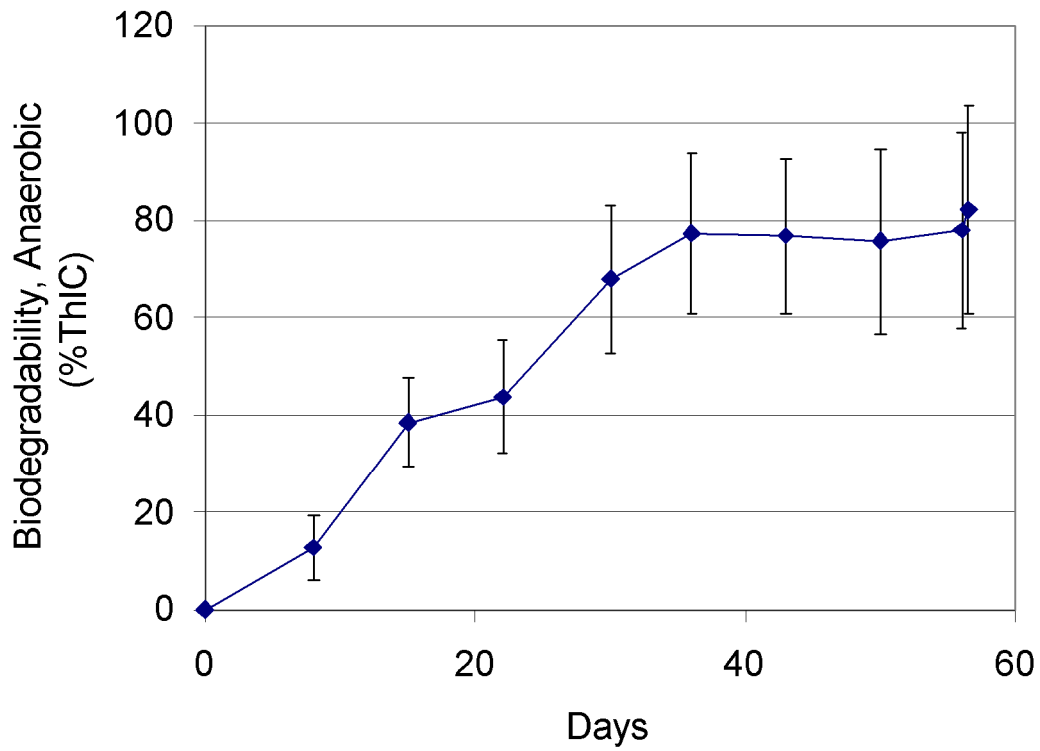
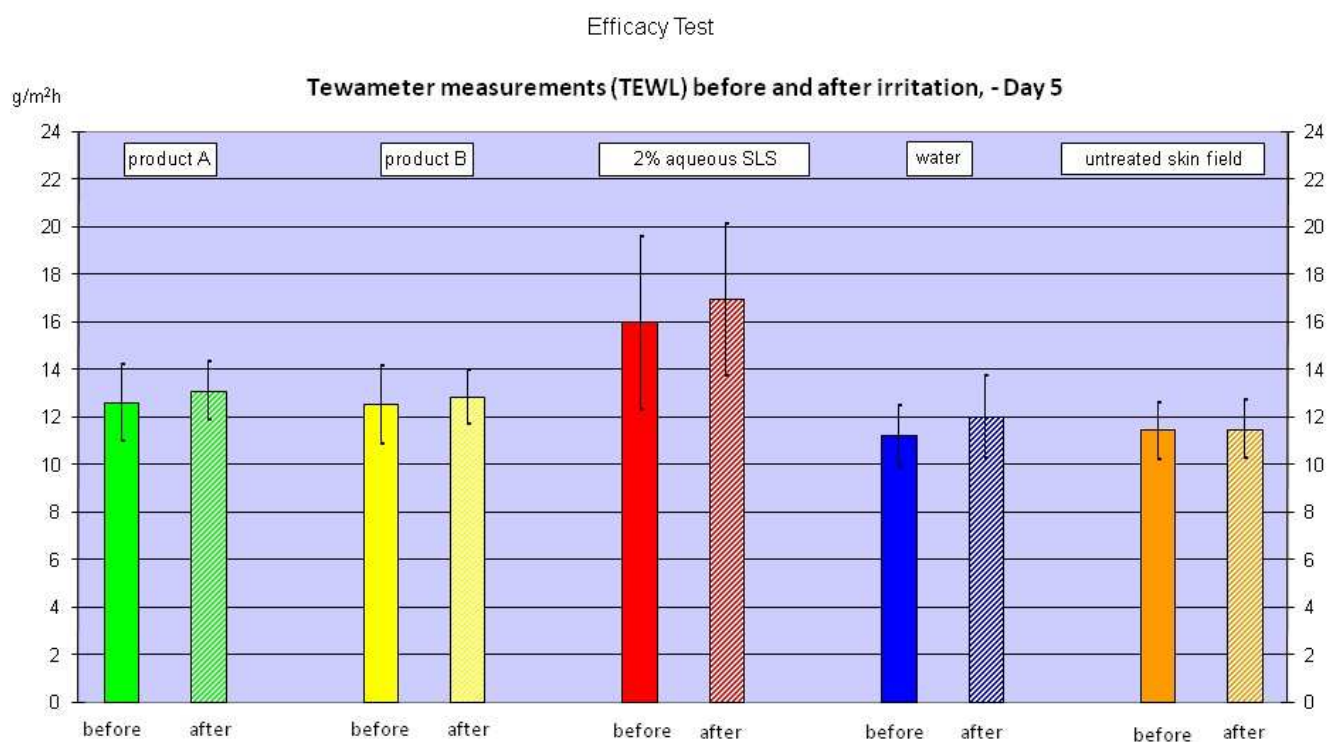


Chart 8



n=12